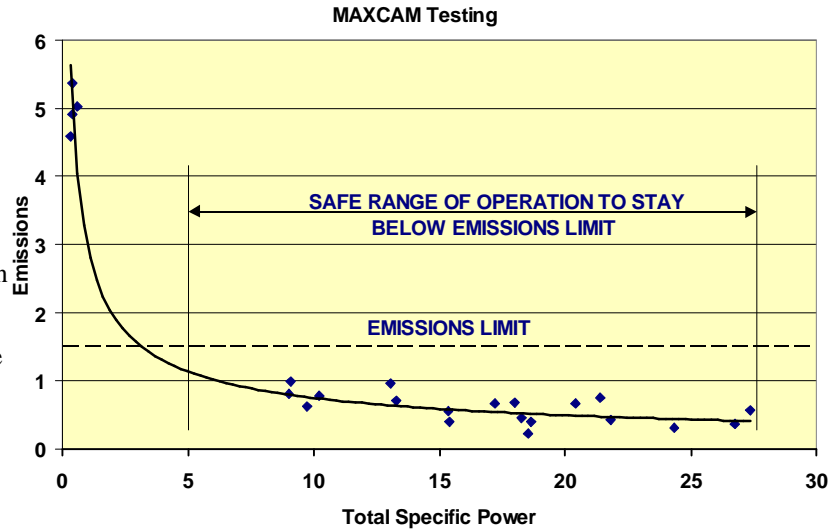


MAXCAM™ CAM WITHOUT CEM

McGill AirClean Corporation now offers a complete MAX-CAM testing and monitoring program for your electrostatic precipitator system. By using the capabilities of a personal computer-human-machine interface (PC-HMI), MAXCAM provides Compliance Assurance Monitoring (CAM) without the expense of Continuous Emissions Monitoring (CEM).

Applying the latest PC-HMI technology, McGill AirClean Engineering configures your computer to monitor performance indicators of the electrostatic precipitator that provide reasonable assurance of compliance, without directly measuring emissions.



As part of the MAXCAM program, McGill AirClean designs a series of tests to determine emissions under a variety of performance conditions that take into account total power input. Performance is then graphed, creating a total specific power performance curve. The MAXCAM system monitors total specific power on a continuous basis. As long as the total specific power is within defined limits, the electrostatic precipitator should meet the CAM requirements, regardless of production changes, and excessive costs for frequent stack testing may be avoided.

FEATURES

- Integrates with McGill AirClean’s PC-HMI software.
- Simple test program confirms range of acceptable operation.
- Considers system performance in terms of measurable and controllable variables.
- Uses standardized emissions testing protocols.
- Is designed to determine “reasonable assurance of compliance” as required by regulations.
- Has automatic and continuous monitoring with two levels of alarms.
- Has low-maintenance design.

BENEFITS

- Assures continuous compliance.
- Satisfies regulatory requirements.
- Reduces frequency of testing and reporting to the state.
- Avoids expensive CEM equipment.
- Avoids high maintenance cost of CEM equipment.
- Provides more flexibility in equipment operation.
- Provides low-cost operation.

You can now reduce your compliance costs. The MAX-CAM program helps you meet the CAM rule and simplify your reporting requirements at the same time. You may be

able to operate under a broader range of electrostatic precipitator performance and production conditions and may even increase production significantly without additional testing.

The New CAM Rule - What it Means to Your Plant

In response to the Clean Air Act Amendments of 1990, the USEPA issued the **Compliance Assurance Monitoring (CAM)** rule (*Federal Register*, October 22, 1997; Vol. 62, No. 204; pages 54899 to 54947). This rule requires owners to consider, in their permit language, how their process and pollution control system is operated. That is, you will have to demonstrate, on a continuous basis, that your system maintains compliance levels.

In the past, meeting regulatory compliance meant installing CEM equipment that would continuously monitor all controlled pollutants. This equipment was costly to install and operate. It was one more complicated system to maintain. It often confined either the air pollution control equipment operation or the manufacturing operation within narrow limits. Today, a new, more responsive monitoring method is available. The new method can allow you to meet the requirements of the CAM rule, while providing more flexible operation of the air pollution control equipment and your manufacturing production.

The rule recommends that an initial assessment be conducted to identify performance indicators, along with subsequent process monitoring, that will reasonably assure compliance. The rule states that the process and pollution control system is to be operated in such a way that it remains in compliance. Once the CAM assessment is completed, the acceptable range for these parameters is used as a basis for compliance. McGill AirClean's MAXCAM program guides you through the CAM assessment, using parameters that can be tracked by our PC-HMI software.

MAXCAM™ is a trademark, and United McGill® is a registered trademark, of United McGill Corporation.

The products and services depicted in this brochure were current at the time of publication. As a quality-conscious manufacturer, McGill AirClean Corporation continually seeks ways to improve its products to better serve its customers. Therefore, all designs, specifications, and product features are subject to change without notice.

What this means to your manufacturing operation is that once you have established an acceptable range of operation through testing, you can continue to operate, as long as you remain within this range. Once testing is completed, our MAXCAM system will assist you with record keeping, tracking and compliance assurance.

The program uses our standard software package that can produce reports on a daily, weekly, or monthly basis. Best of all, if you already have one of our PC-HMI control systems, this capability can be added at a reduced cost.

Please contact us today to see how this powerful technology can help you meet the CAM requirement, while adding flexibility to your operation. We can help you provide compliance assurance and potentially reduce your operating costs.

Call or e-mail your McGill AirClean Service Division representative today.



McGill AirClean Service Engineer and PC-HMI interface.

McGill AirClean
Corporation

An enterprise of United McGill Corporation
Founded in 1951

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